

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117713.D
 Acq On : 7 Nov 2019 19:07
 Operator : JU
 Sample : K5723-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-C

Manual Integrations
 APPROVED

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11/8/2019 3:31:38 PM

Quant Time: Nov 08 02:32:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	284085	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1106685	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	572400	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1044307	20.00	ng	0.00
76) Chrysene-d12	14.12	240	703679	20.00	ng	-0.01
87) Perylene-d12	15.63	264	791995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1316420	83.88	ng	0.00
7) Phenol-d6	6.55	99	1658928	85.73	ng	-0.01
23) Nitrobenzene-d5	7.49	82	963978	51.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	432572	77.25	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1754335	60.47	ng	0.00
79) Terphenyl-d14	13.06	244	1799741	52.65	ng	0.00
Target Compounds						
10) Phenol	6.56	94	73608	3.530	ng	98
50) Dimethylphthalate	9.69	163	246996	6.383	ng	98
75) Fluoranthene	12.69	202	187486	3.668	ng	94
78) Pyrene	12.92	202	192829	3.754	ng	95
83) Chrysene	14.14	228	101944	2.357	ng	97
88) Benzo(b)fluoranthene	15.17	252	130731m	2.621	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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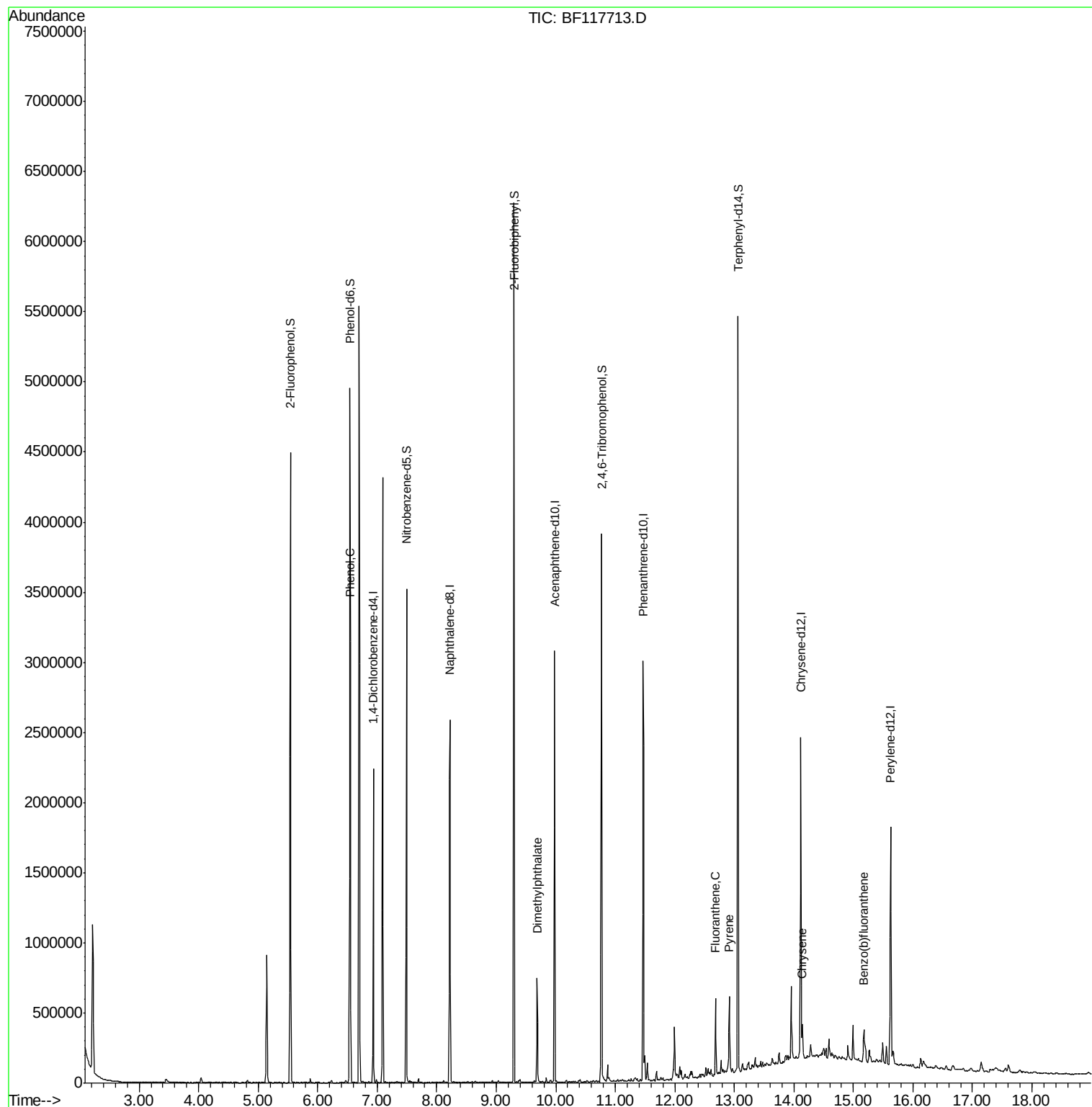
Instrument :
BNA_F
ClientSampleId :
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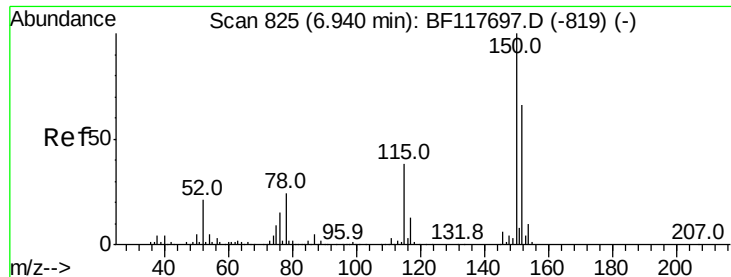
Quant Time: Nov 08 02:32:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

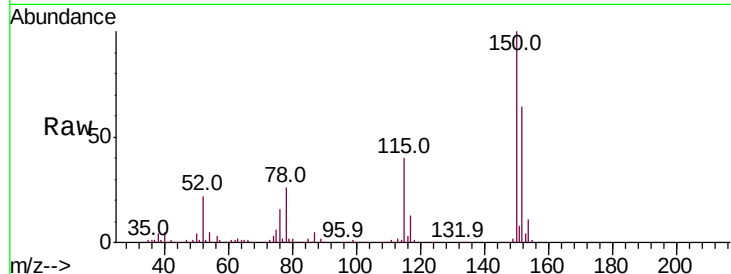
Instrument :
BNA_F
ClientSampleId :
8-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.4	182.2
115	61.3	46.7	70.1

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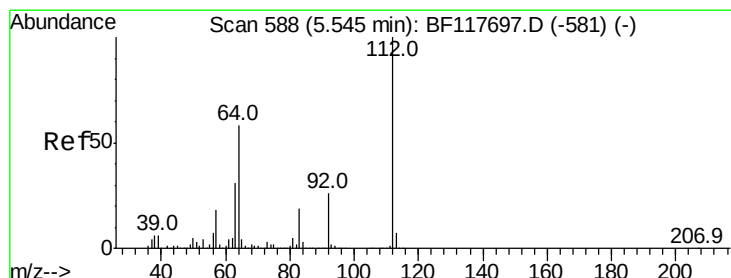
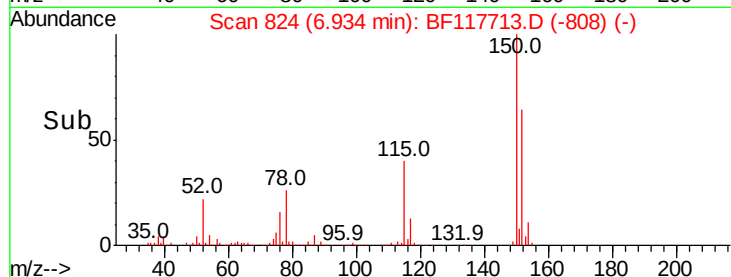
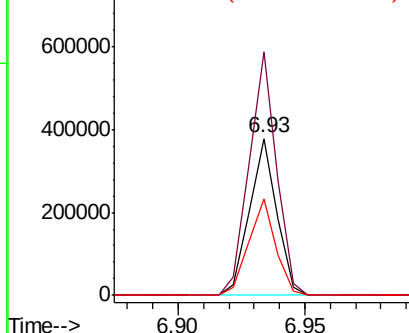


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

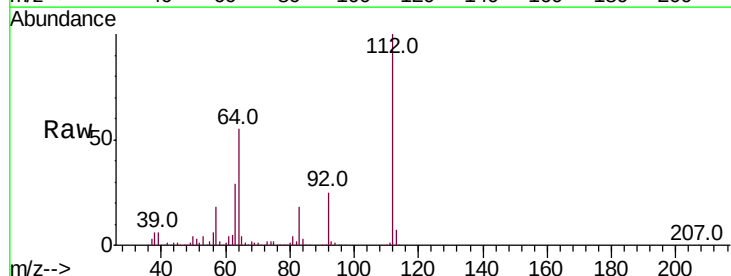
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.881 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.4	69.6
63	29.2	24.6	37.0

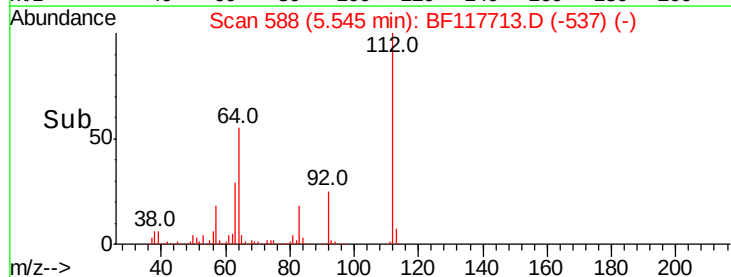
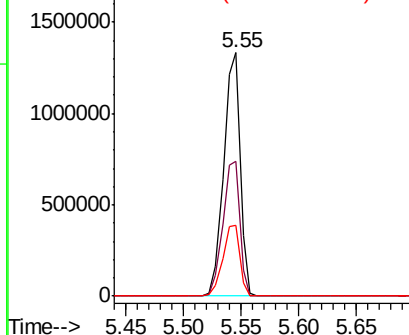


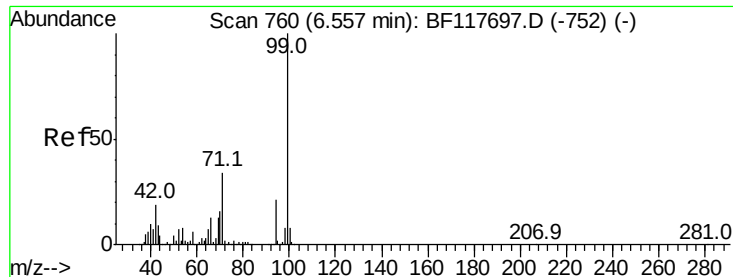
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.728 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1658928

Ion Ratio Lower Upper

99 100

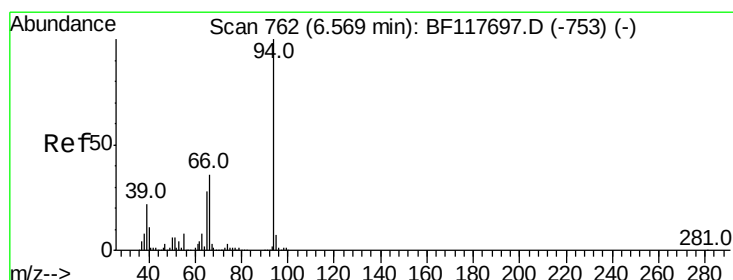
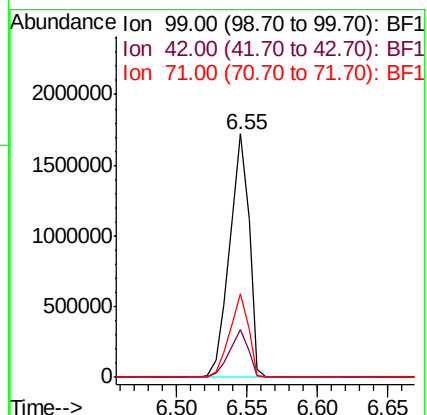
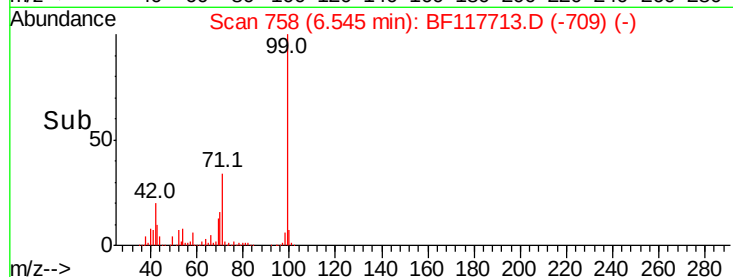
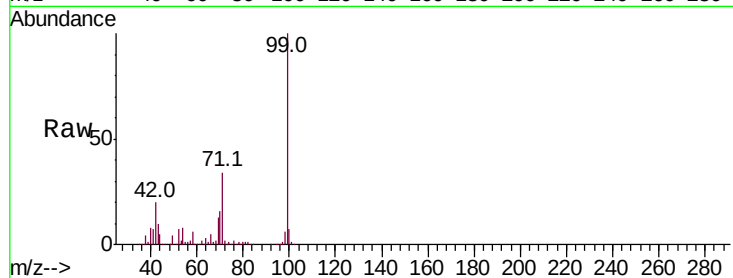
42 19.8 15.3 22.9

71 34.4 26.8 40.2

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#10

Phenol

Concen: 3.530 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

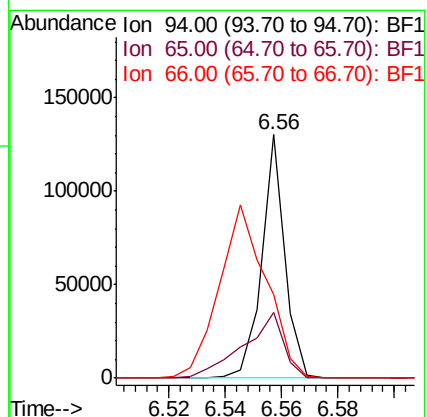
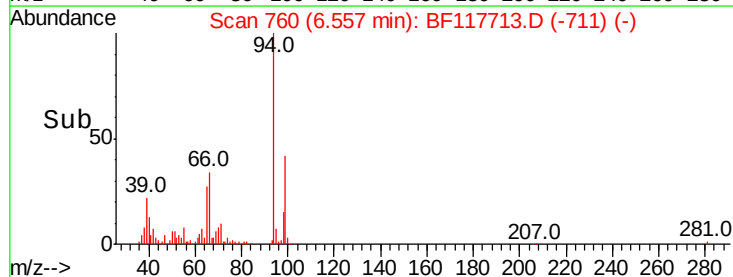
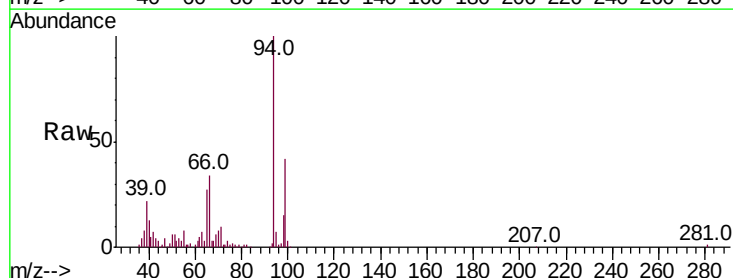
Tgt Ion: 94 Resp: 73608

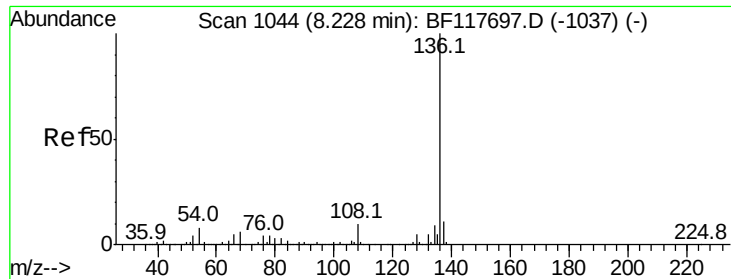
Ion Ratio Lower Upper

94 100

65 27.1 7.6 47.6

66 34.2 16.1 56.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

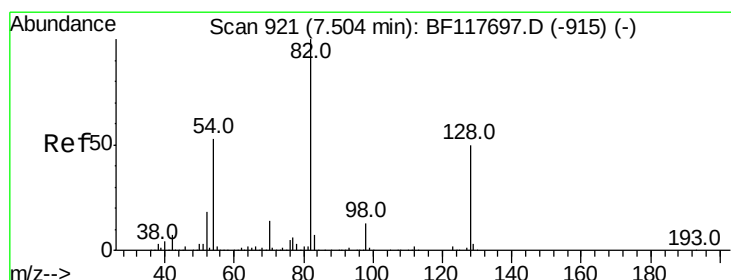
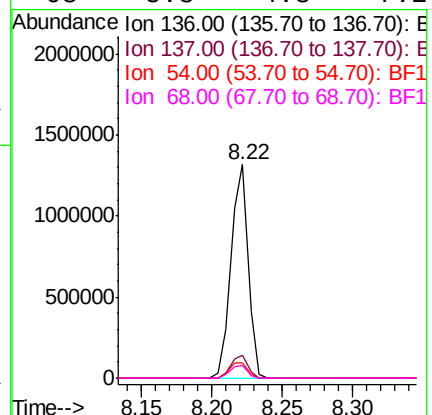
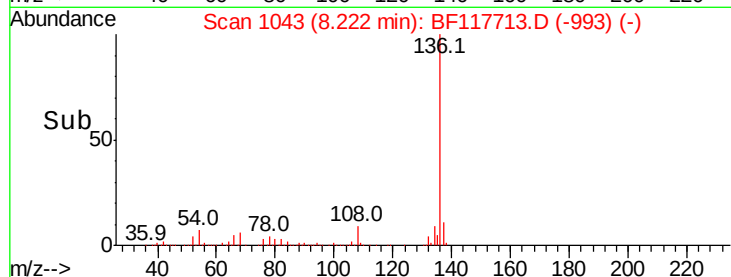
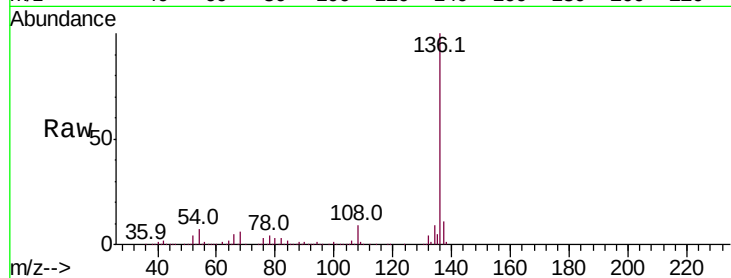
Instrument :
BNA_F
ClientSampleId :
8-C

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	6.0	9.0
68	5.8	4.8	7.2

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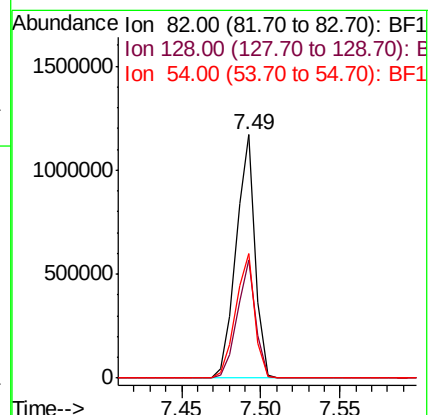
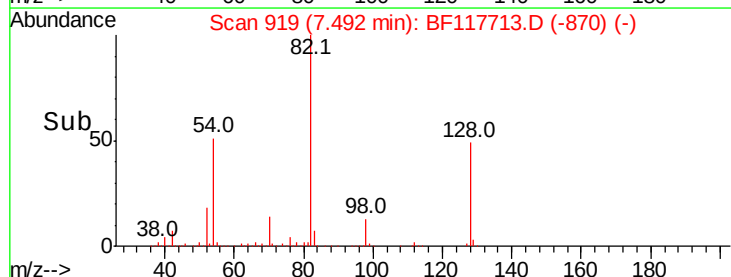
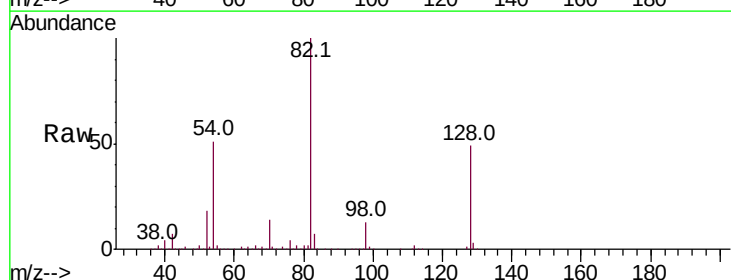
Sohil

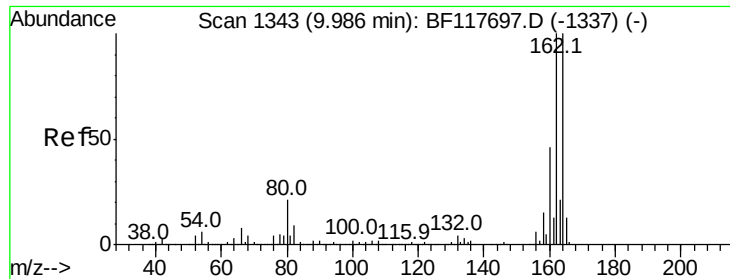
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#23
Nitrobenzene-d5
Concen: 51.426 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.2	60.2
54	51.4	42.0	63.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

Instrument :

BNA_F

ClientSampled :

8-C

Tot Ion:164 Resp: 572400

Ion Ratio Lower Upper

164 100

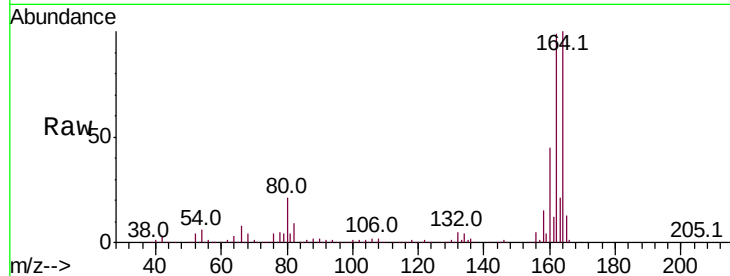
162 99.4 79.7 119.5

160 44.6 36.5 54.7

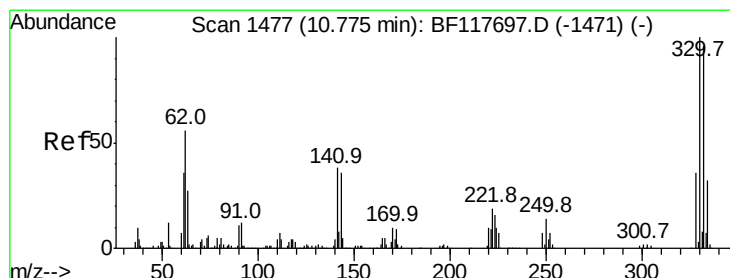
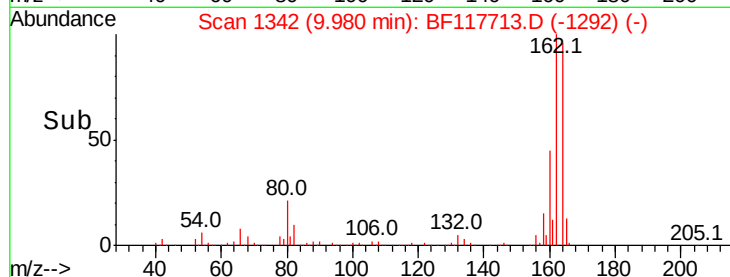
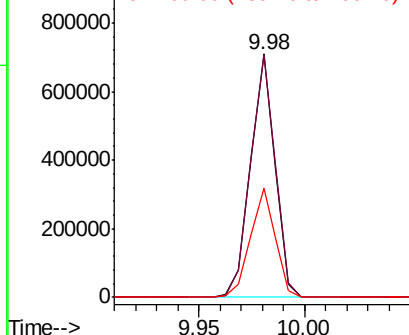
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 77.254 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

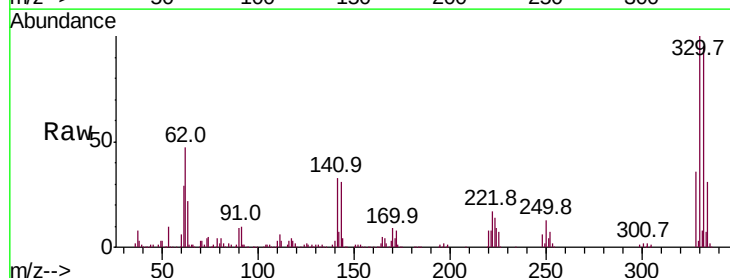
Tgt Ion:330 Resp: 432572

Ion Ratio Lower Upper

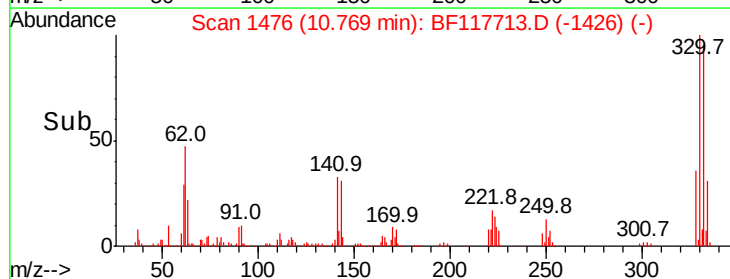
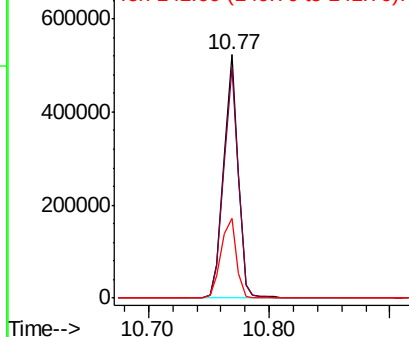
330 100

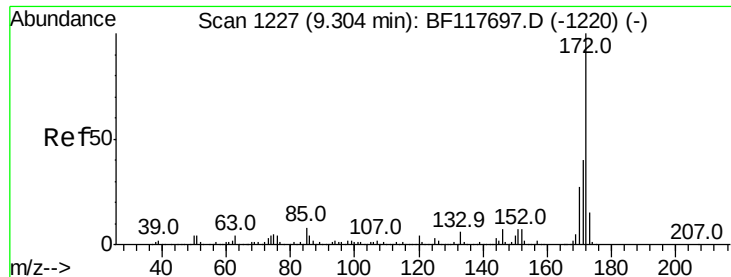
332 96.5 77.4 116.0

141 34.9 28.0 42.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#45
2-Fluorobiphenyl
Concen: 60.470 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

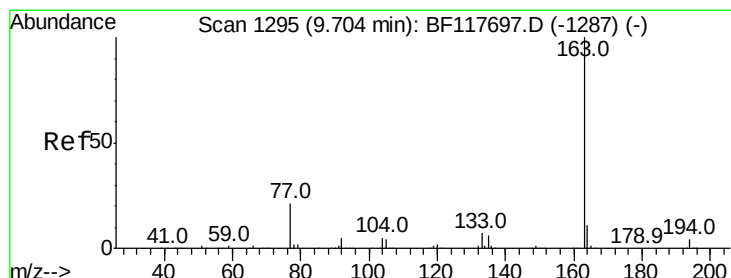
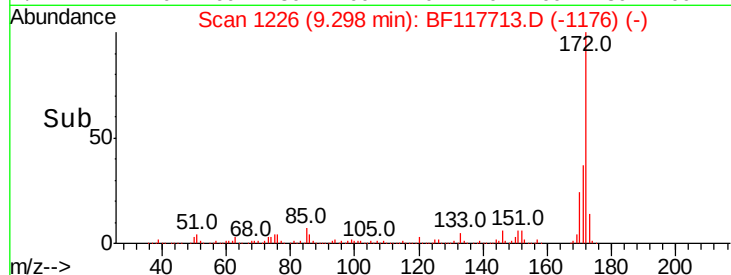
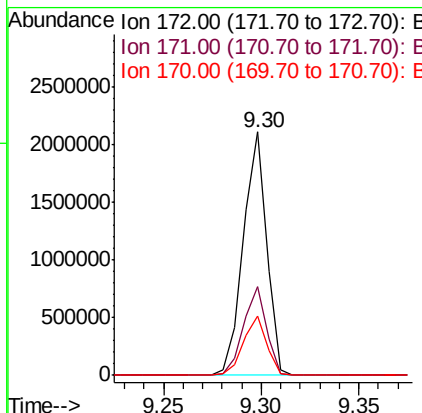
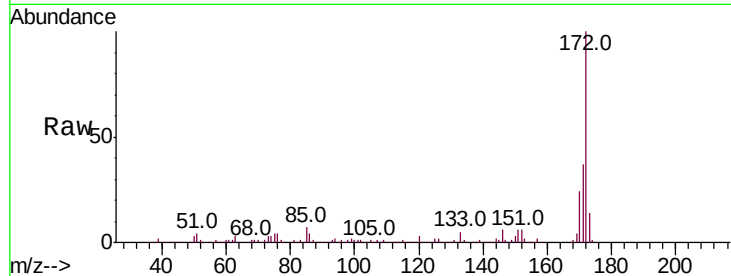
Instrument :
BNA_F
ClientSampled :
8-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.8	47.8
170	24.5	21.6	32.4

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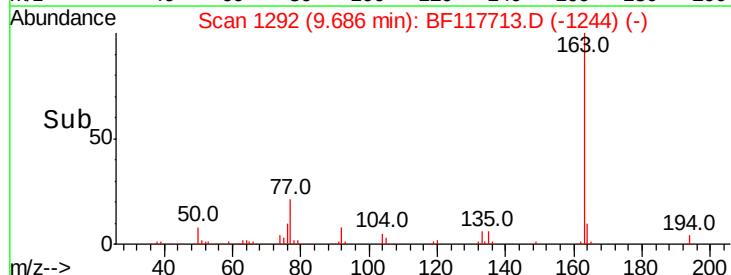
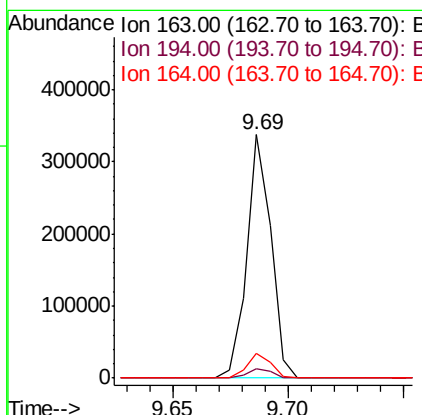
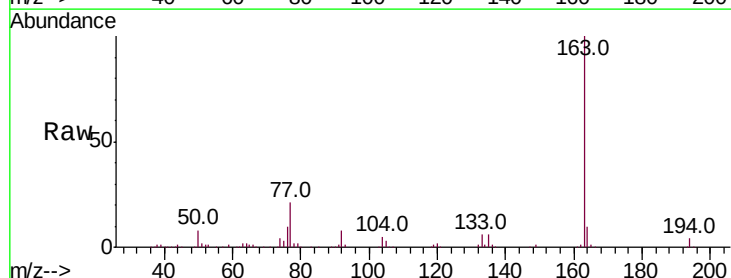
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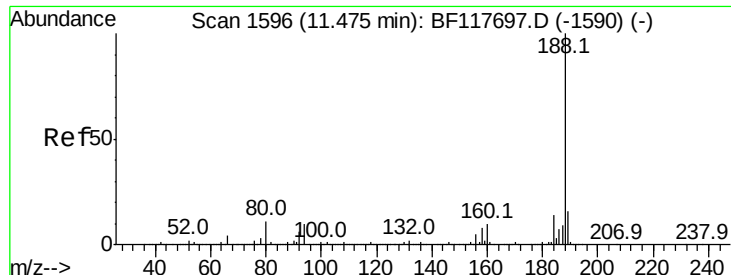
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#50
Dimethylphthalate
Concen: 6.383 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.9	13.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

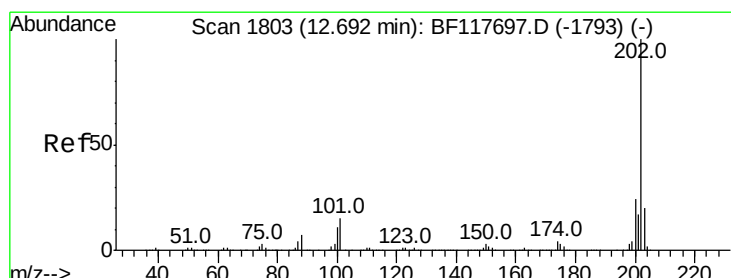
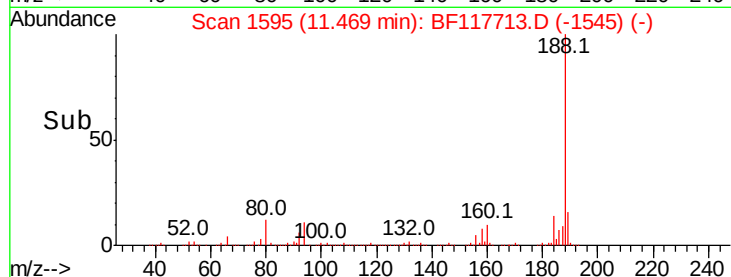
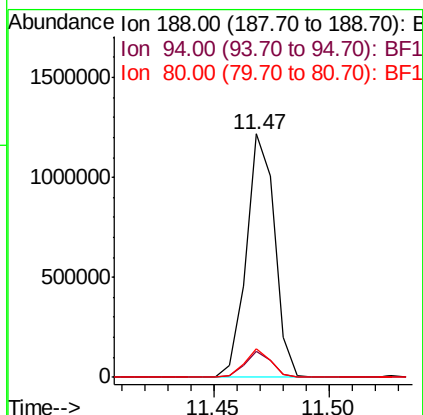
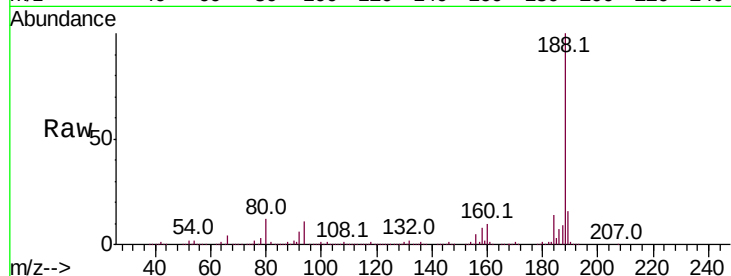
Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.4
80	11.5	8.6	13.0

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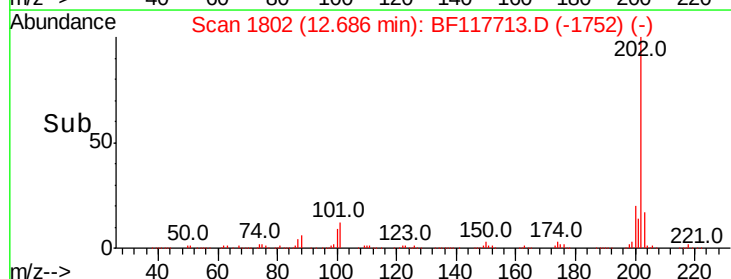
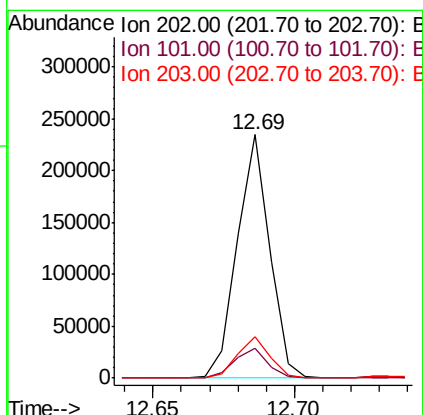
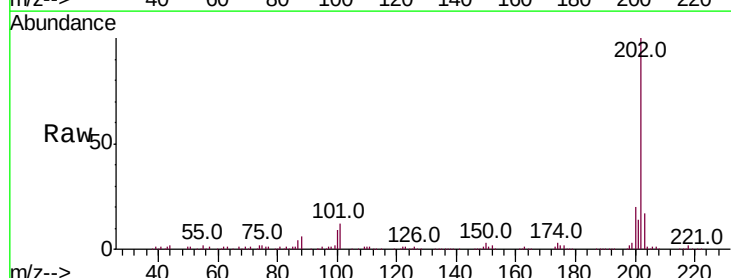
Sohil

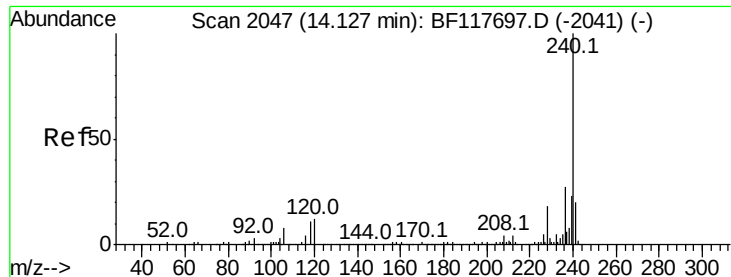
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#75
Fluoranthene
Concen: 3.668 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.5
203	17.1	0.0	39.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

Instrument :

BNA_F

ClientSampled :

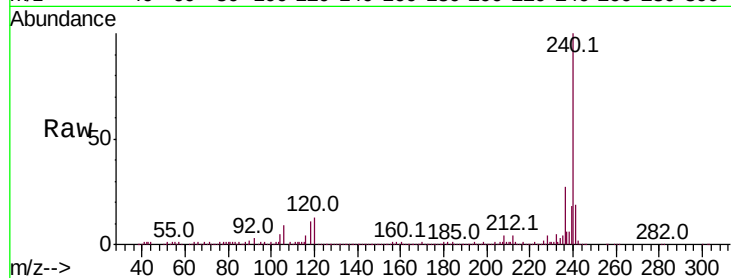
8-C

Tot Ion:	240	Resp:	703679
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.7	14.5
236	26.8	21.9	32.9

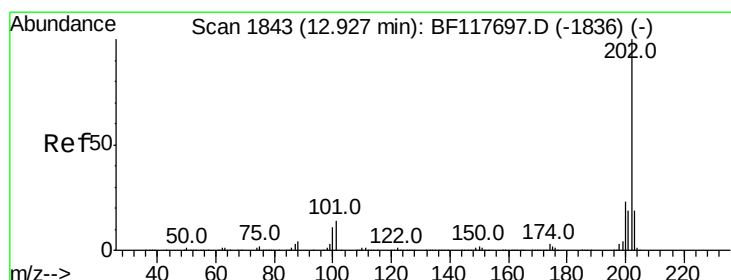
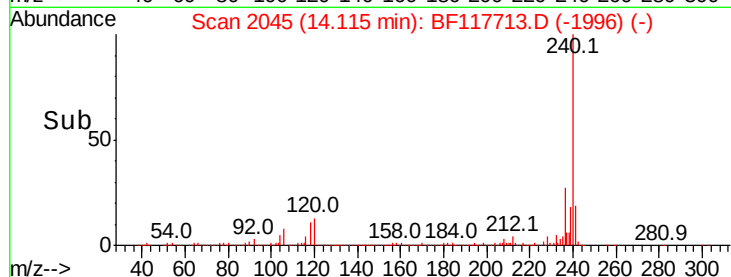
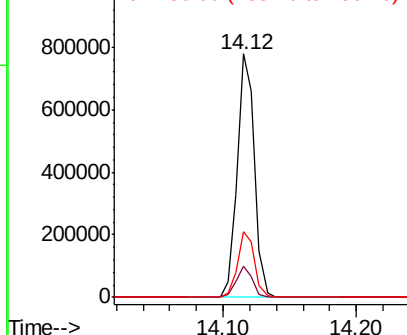
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 3.754 ng

RT: 12.92 min Scan# 1841

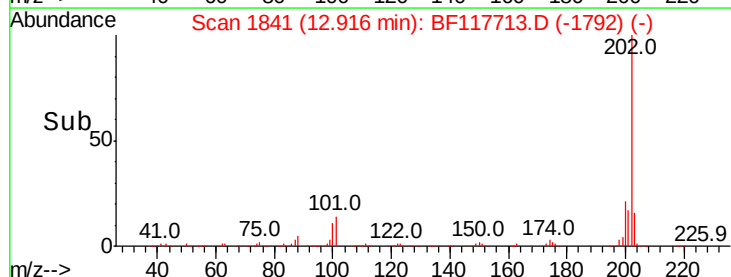
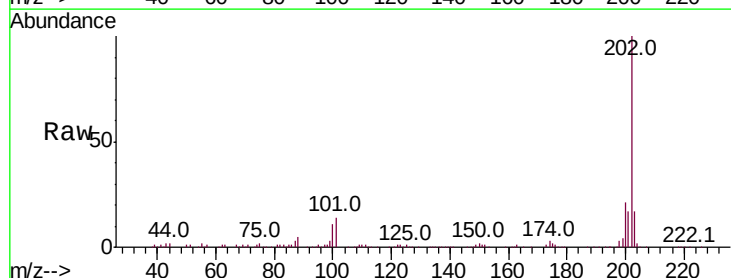
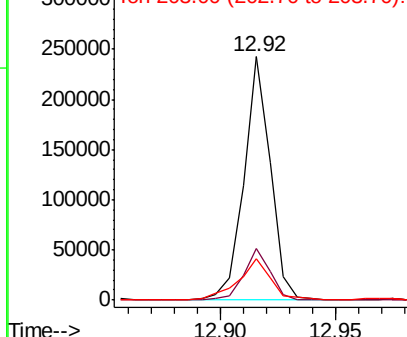
Delta R.T. -0.01 min

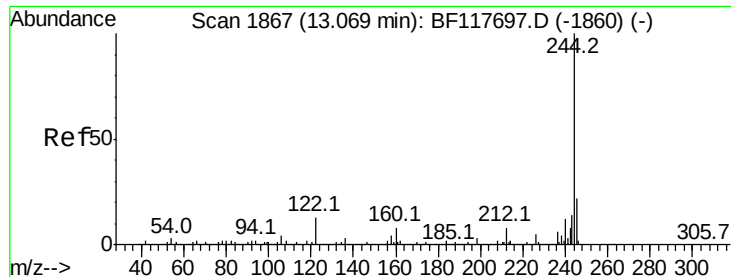
Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

Tgt Ion:	202	Resp:	192829
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.8	28.2
203	16.8	15.2	22.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 52.651 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117713.D
 Acq: 7 Nov 2019 19:07

Instrument :
 BNA_F
 ClientSampled :
 8-C

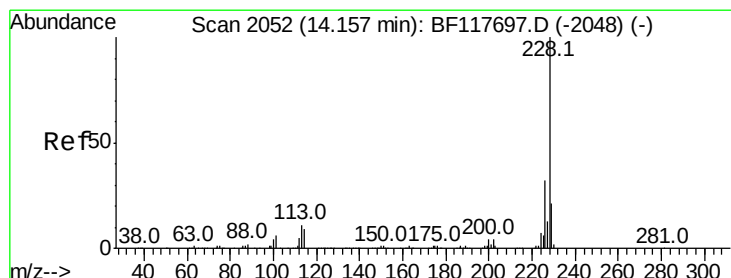
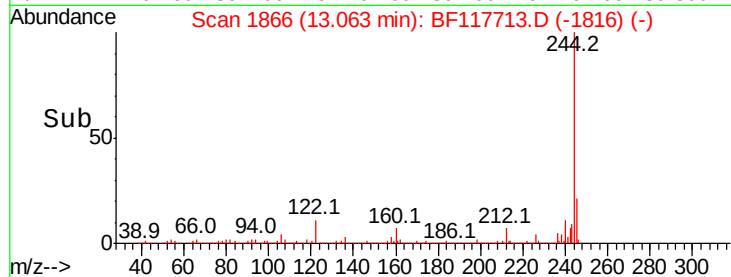
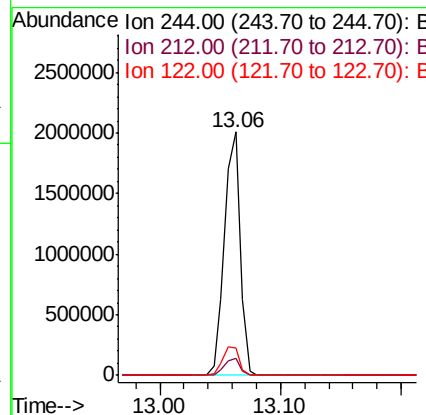
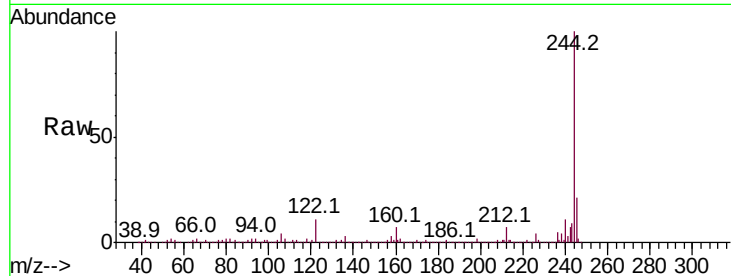
Tot Ion:244 Resp: 1799741

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	11.3	10.0	15.0

Manual Integrations
 APPROVED

Sohil

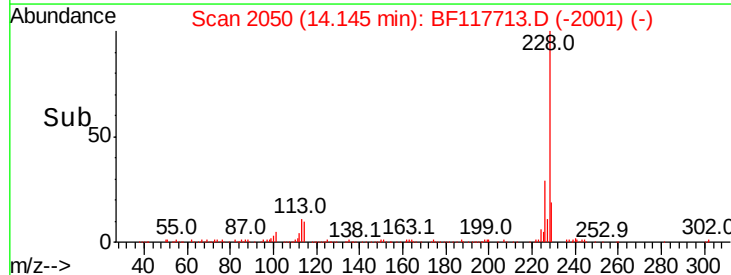
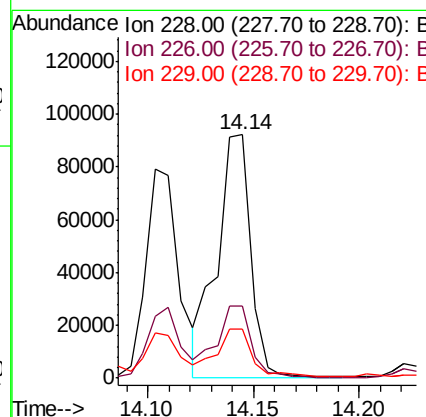
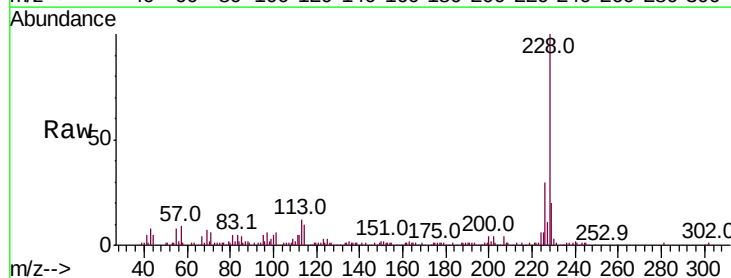
11/8/2019 3:31:38 PM

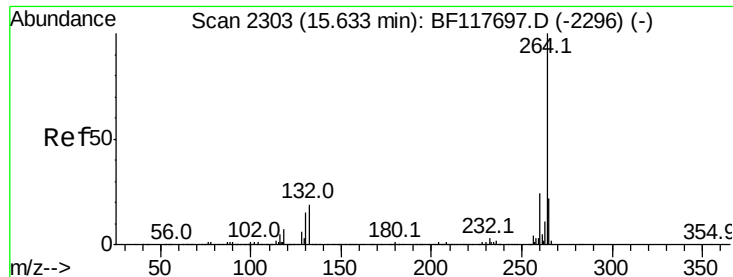


#83
 Chrysene
 Concen: 2.357 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF117713.D
 Acq: 7 Nov 2019 19:07

Tgt Ion:228 Resp: 101944

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.2
229	20.1	16.6	24.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

Instrument :

BNA_F

ClientSampleId :

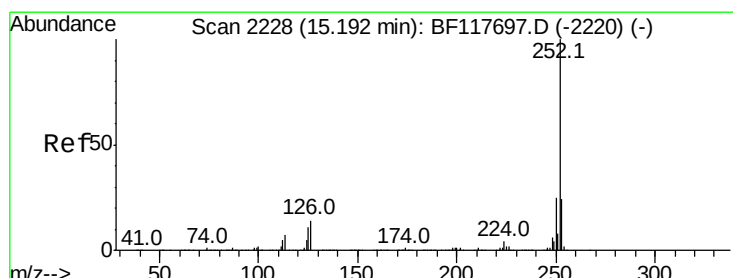
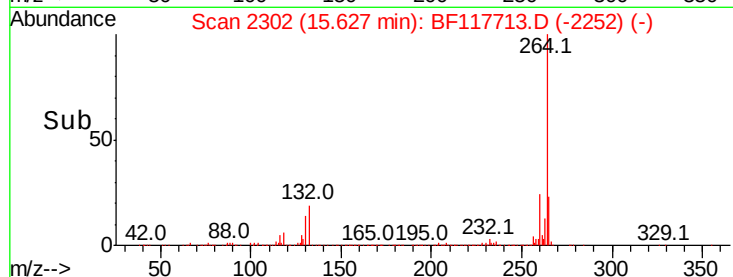
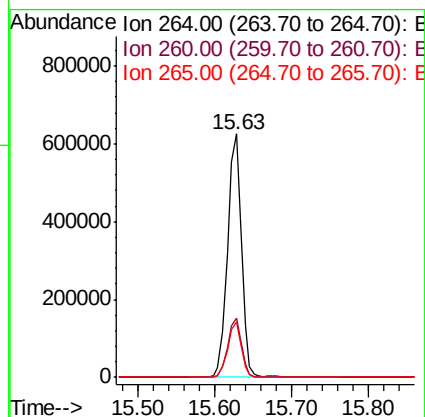
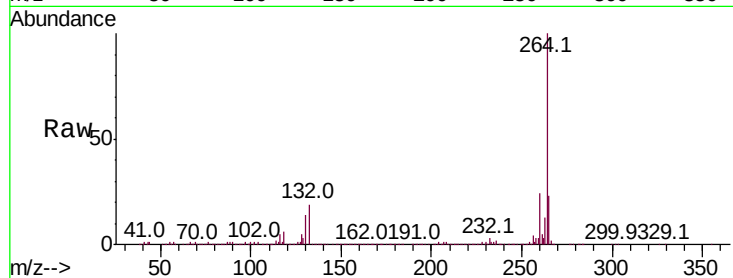
8-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.5	17.7	26.5

Manual Integrations
APPROVED

Sohil

11/8/2019 3:31:38 PM



#88

Benzo(b)fluoranthene

Concen: 2.621 ng m

RT: 15.17 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BF117713.D

Acq: 7 Nov 2019 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.9	28.3
125	11.2	8.5	12.7

